APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

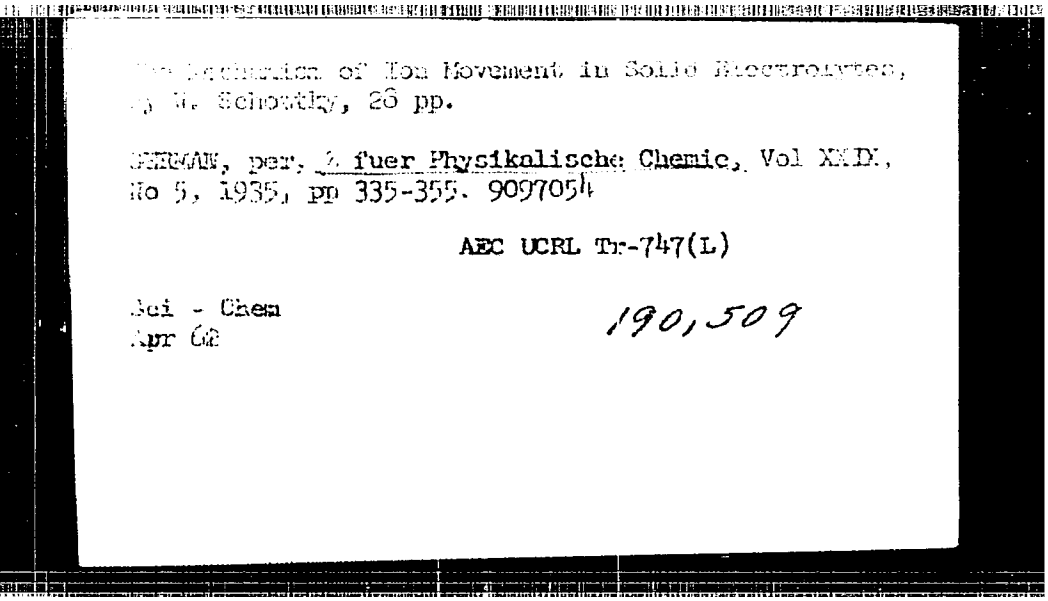
Diffusion of Hydrogen and Deuterium in Pd (1),
by W. Jost.
GERMAN, per, Z. Phys. Chem., B29, 1935,
pp 247-255.
*NBS TT 70-57354

57354

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2



[illegible] of Ion Movement in Solid Electrolytes,
[illegible] W. Schottky, 26 pp.

[illegible], per, Z. fuer Physikalische Chemie, Vol XXIX,
No 5, 1935, pp 335-355. 9097054

AEC UCRL Tr-747(L)

Sci - Chem
Apr 62

190,509

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Structure of Aluminium Boride AlB_2 by
W. Hofmann, W. Janiche

GERMAN, Z. Phys. Chem. Vol 31B, No 3, 1936,
pp 214-222.

Translation issued by TPA3/TIB

T-3992

Index Aeronauticus, Oct. 1952

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

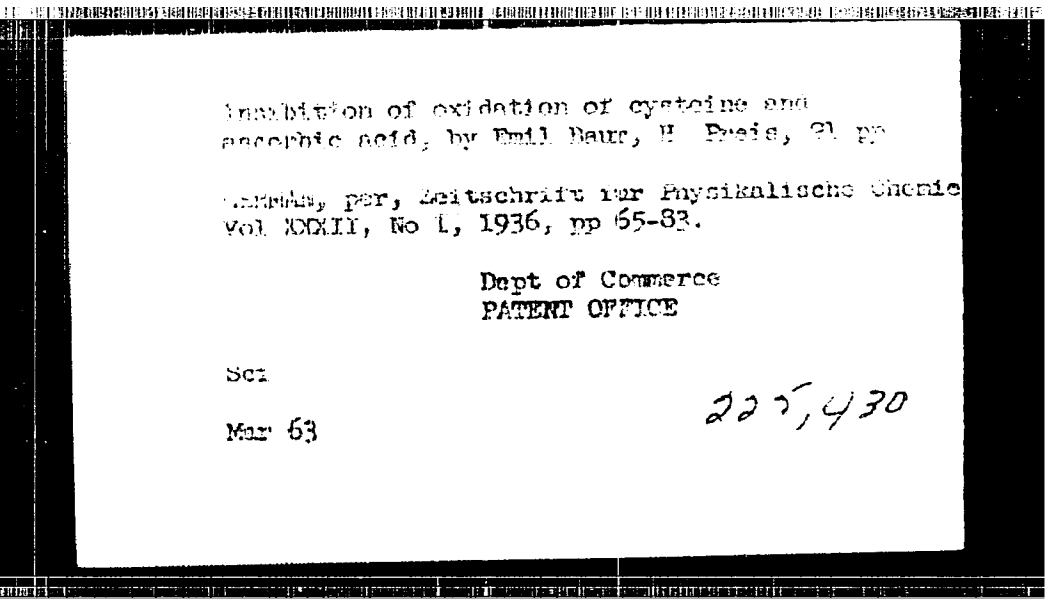
APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

On the Theory of Electrolytic Conduction and Diffusion in Crystals (111), by W. Jost.
GERMAN, per, Z. Phys. Chem., B32, 1936, pp 1-21.
*NBS TT 70-57351

Sci-Phys
Aug 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2



Inhibition of oxidation of cystein and
ascorbic acid, by Emil Baur, H. Preis, 21 pp

...mmary per, Zeitschrift fur Physikalische Chemie
Vol XXXII, No 1, 1936, pp 65-83.

Dept of Commerce
PATENT OFFICE

Sci

Mar 63

225,430

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Contribution to the Theory of the
Tarnishing Process II., by Carl Wagner,
21 pp.
GERMAN, por, Zeit fur Physik Chemie, No 32,
1936, pp 447-462. P100131766
FTD-TT-65-1913

Sci - Phys
Jan 67

317,635

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Electrical Properties of CoO and FeO
by C. Wagner, 8 pp.
GERMAN, per, Z. Phys. Chem. B 32, 1936.
pp. 439-446.
*NBS TT 70-57858

Sci/chem
June 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reitz, A. W.
RAMAN EFFECT STUDIES. REPT. 57. [1962] 29p.
Order from K-H $36.25 K-H 5147 d

Trans. of Zeitschrift für Physikalische Chemie-[Leipzig] (East Germany) 1936, v. 33[B] p. 179-195.

DESCRIPTORS: *Raman spectroscopy.

(Physics--Spectroscopy, TT, v. 9, no. 1)

62-22678

I. Reitz, A. W.
II. K-H-5147-d
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Studies on the Raman-Effect. Communication LX: Polarization measurements, by A. W. Reitz, 34 pp.

Full translation.

GERMAN, per, Zeitschrift für Physik. Chemie, Vol BXXXIII, 1936, pp 368-386.

S.L.A.

Scientific - Physics 27,189 Aug 55

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Dependence of Photochemical Ozone Formation on Temperature, by A. Eucken and Patat, 32 pp.
GERMAN, per, Zeitschrift fur Physikalische Chemie, Abt. B, Vol 33, 1936, pp 459-474.
P91101 6768
AEC UCRL-Trans-10189

Sci-Chemistry
Mar 68 350,694

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Transport Properties of Some Silver Halides, by
W. Jost.
GERMAN, per, Zeit Phys Chem, Vol 34B, 1937,
pp 48-56.
*Nat Bur Stand TT 70-57826

Sci-Chem
Jul 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Electrical Properties of CuO_n by J. Gundermann.
GERMAN, per, Zeit Phys Chem, Vol B 37, 1937,
pp 148-154.
*Nat Bur Stand TT 70-57810

Sci-Chem
Jul 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reitz, A. W.
RAMAN EFFECT STUDIES. 63. THE 5-MEMBER RING (PT. 2 MODEL EXPERIMENTS). [1952] 30p.
Order from K-H $37.50 K-H 5147 b

Trans. of Z[eitschrift für] Physik[alische] Chem[ie, Leipzig] (Germany) 1937, v. 35B, p. 363-381.

DESCRIPTORS: *Raman spectroscopy, Molecular structure, Models (Simulations).

(Physics--Spectroscopy, TT, v. 9, no. 1)

62-22676

I. Reitz, A. W.
II. K-H-5147-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.
IV. Title: 5-Member ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Electric Resistance and Magnetic Susceptibility of Palladium Wires Charged With Deuterium, by A. Sieverts, W. Danz, 11 pp.

GERMAN, per, Z Physik Chem, Vol XXXVIIIb, 1937, pp 61-71.

AEC Tr 3295

Sci - Phys

Sep 58

73,775

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reitz, A. M.
THE 5-MEMBER RING, PT. 3 A: POLARIZATION MEASUREMENTS ON PYRROLE, FURAN, THIOPHENE. Communication 63 on the Raman Effect.
[1962] 31p.
Order from K-H $38.75 K-H-5147 c

Trans. of Z[eitschrift für] Physik[alische] Chem[ie, Leipzig] (Germany) 1937, v. 378, p. 373-[391].

DESCRIPTORS: *Raman spectroscopy, *Thiophenes, *Furan, *Pyrroles, Polarization, Stereochemistry.

(Physics--Spectroscopy, TT, v. 10, no. 5)

62-22677

I. Reitz, A. M.
II. Title: Polarization ...
III. Title: Raman ...
IV. K-H-5147 c
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reinhold, H. and Mohring, H.
CONDUCTION OF ELECTRICITY AND DIFFUSION IN SOLID METALLIC ALLOYS. I. $Cu_{2-x}Se$. [1962] 12p. (figs. omitted) 37 refs.
Order from SLA $1.60 62-20246

Trans. of Z[eitschrift fur] Physik[alische] Chemie, Leipzig] (Germany) 1937, v. 38B, p. 221-244.

DESCRIPTORS: *Electrical conductance, *Diffusion, Alloys, *Copper alloys, *Selenium alloys, *Semiconductors, Thermoelectricity

(Physics--Solid State, TT, v. 10, no. 1)

62-20246

I. Reinhold, H.
II. Mohring, H.
III. Title: $Cu_{2-x}Se$

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reinhold, H. and Seidel, H.
CONDUCTION OF ELECTRICITY AND DIFFUSION IN SEMIMETALLIC ALLOYS. II. $Cu_{2-x}Se$. [1962] 18p. (figs. omitted) 25 refs.
Order from SLA $1.60)

62-20247

Trans. of Z[eitschrift für] Physik[alische] Chem[ie, Leipzig] (Germany) 1937, v. 38B, p. 245-269.

DESCRIPTORS: *Copper alloys, *Selenium alloys, *Semiconductors, *Electrical conductance, *Diffusion, Thermoelectricity.

(See also 62-20246)

(Physics--Solid State, TT, v. 9, no. 8)

62-20247

I. Reinhold, H.
II. Seidel, H.
III. Title: $Cu_{2-x}Se$

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Mechanism of Ionic Transport in Solid Heavy Metal Salts of the Halides, by S. Koch, GERMAN, per, Zeit Phys Chem, Vol B38, 1937, pp 295-324.
*Nat Bur Stand TT 70-57813

Sci-Chem
Jul 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Interpretation of Jump Processes in Metallic Systems with a Model, by C. Wagner. GERMAN, per. Z. Phys. Chem., B38-, 1937, pp 325-348.
*NBS TT 70-57343

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Studies on the Raman Effect, by J. Wagner.

GERMAN, per, Z phys Chem, B40, 27 Mar 1938, pp 36-50.

C.D.E.K. (T.I.R.S.)
Tr No T 77 OT/399

Scientific - Chemistry, raman effect

Index Aeronauticsu

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

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Determination of the Excess Oxygen Content of the Cuprous Oxide Phase, by C. Wagner, H. Hemmen.

GERMAN, per, Z. Phys Chem, Vol XLB, No 3, 1938, pp 197-206.

ATS 522-GJ

Sci - Phys

Aug 60

125,340

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

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The Photochemical Formation of Phosgene[1]. XI. Calculation of the Constants of the Partial Reactions by Including the Thermal Formation and Decomposition of Phosgene, by Max Bodenstein, W. Brendschede, et al.
GERMAN, per. Z. Physik Chem. B 40, 1938, pp 121-134. 9233256
AEC IS-tr-31

Scl/Physics
Aug 66

306,293

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Glow-Light Electrolysis. VIII. Measurement of the Cathode-and Anode Drop in Some Electrolytic Solutions, by Alfons Klemenc, Heinz Milleret.
GERMAN, per, Zeit fur Physik Chemie
Vol XLB, No 4, 1938, pp 252-262.
SLA TT 64-20509

Sci
May 67

327,220

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

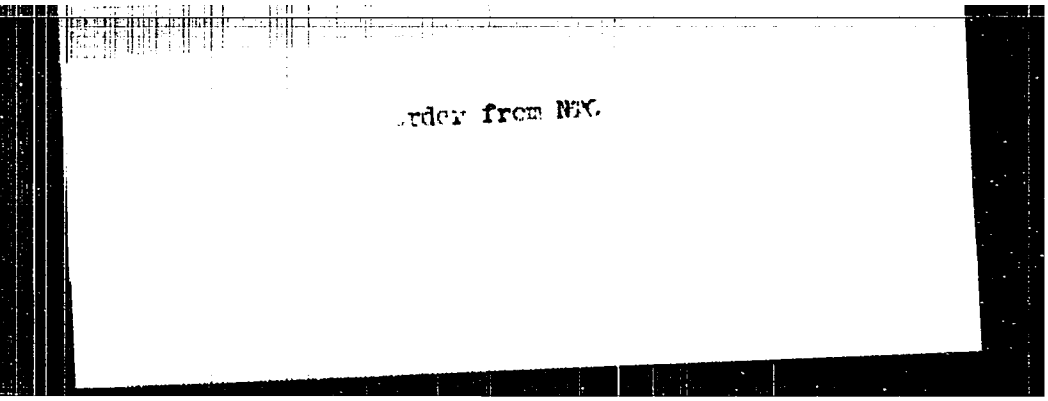
Contribution to the Theory of the Tarnishing Process. III, by Carl Wagner, Karl Gruenewald, 26 pp. GERMAN, per, Zeit fuer Physikalische Chemie, Vol XLB, 1938, No 6, pp 455-475.
P100069867
FTD TT 65-1914

Sci-Phys
Mar 67

320,747

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2



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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

TT-65-13413 Field 20C

Hedvall, J. A.; Berg, A.
MAGNETIC CONVERSION AND CATALYTIC ACTIVITY. VI, CATALYTIC EXPERIMENTS WITH MgO,Fe2O3 AND VARIOUS IRON- AND STEEL TYPES ABOUT THE LOSS OF THEIR FERROMAGNETIC PROPERTIES. 7p, 11refs. Order from SLA: $1.10 as TT-65-13413

Trans. of Zeitschrift fuer Physikalische Chemie, Leipzig (Germany) v41B p388-95 1938.

1. Title: Catalytic ...

MR 655

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reinhold, H. and Branninger, Helmut.
ELECTRICAL CONDUCTIVITY AND DIFFUSION IN SEMIMETALLIC ALLOYS. III. $Cu_{2-x}Te$. [1962] 18p. (figs. omitted) 11 refs.
Order from: SLA $1.60
62-20248

Trans. of Z[eitschrift f[ür] Physik[alische] Chemie, Leipzig] (Germany) 1938, v. 41B, p. 397-426.

DESCRIPTORS: *Copper alloys, *Tellurium alloys, *Semiconductors, *Electrical conductance, *Diffusion, Thermoelectricity.

The specific conductivities of the semimetallic alloys of the compositions $Cu_{1.95}Te$, $Cu_{1.87}Te$, $Cu_{1.80}Te$ and $Cu_{1.71}Te$ were measured in the temperature range from +400° to -180°C in dependence on the preliminary thermal treatment of the alloys. They are of the order of magnitude of 10^{3} to 10^{4} ohm^{-1} cm^{-1}. The termoelectric powers of the cells: Pt $Cu_{2-x}Te$ were
(Physics--Solid State, TT, v. 9, no. 8) (over)

62-20248

I. Reinhold, H.
II. Branninger, H.
III. Title: $Cu_{2-x}Te$

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Structure of Artificial Magnetites, by Kurt Starke, 14 pp.

Full tr

GERMAN, per, Z. fuer Physik Chem, Vol XLIIB, No 3/4, 1939, pp 159-172.

Navy Tr 1471/NRL 606

Sci - Min/metals; Physics 47, 321
May 57 CIB/dex

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Determination of Grain Size and Diffusion Constants by Means of the Emanation Power (The Theory of the Emanation Method), by S. Flugge, K. E. Zimens, 36 pp.

GERMAN, per, Z Physik Chem (Leipzig), Vol XLII B, 1939, pp 179-220.

ABC IG-Inf Ser-86

Sci - Phys, Chem
17 Mar 61

141, 279

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Kortüm, G.
THE ASSIGNMENT OF ELECTRON BANDS IN SOLUTION SPECTRA. II. THE ABSORPTION OF ALIPHATIC NITRO COMPOUNDS AND OXIMES. [1964]
20p (5 figs omitted) 27refs
Order from SLA $1.60 TT-64-16053

Trans. of [Zeitschrift für Physikalische Chemie, Leipzig]. (Germany) 1939, v. 438, p. 271-91.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16053

I. Kortüm, G.
II. Title: Absorption ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Alexander, W. A. and Schumacher, H. J.
THE PHOTOCHEMICAL REACTION BETWEEN CHLORINE AND CHLORAL. [1963] 13p 6refs
Order from SLA $1.60 63-18572

Trans. of Zeitschrift für Physikalische Chemie [Leipzig] (Germany) 1939, v. 44B, p. 58-68.

DESCRIPTORS: *Chlorine, *Photochemistry, *Reaction kinetics, Heat of activation, Chemical reactions, *Acetaldehydes, *Chlorides.

(Chemistry--Organic, TT, v. 10, no. 11)

63-18572

I. Title: Chloral
I. Alexander, W. A.
II. Schumacher, H. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Reinhold, H. and Schmitt, Karl.
CONDUCTION OF ELECTRICITY AND DIFFUSION IN SEMIMETALLIC ALLOYS. IV. ELECTRICAL CONDUCTIVITY AND THERMOELECTRIC POWER OF α-SILVER SULFIDE. [1962] 21p. (figs. omitted) 22 refs.
Order from SLA $2.60 62-20458

Trans. of Z[eitschrift für] Physik[alische] Chemie, Leipzig] (Germany) 1939, v. 44B, p. 75-97.

DESCRIPTORS: *Sulfides, *Silver compounds, *Thermoelectricity, *Electrical conductance, *Semiconductors, *Diffusion.

(See also 62-20248)

(Physics--Solid State, TT, v. 9, no. 8)

62-20458

I. Reinhold, H.
II. Schmitt, K.
III. Title: Electrical ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Comments on the Works by G. V. Schulz on the Osmotic Pressure and the State of the Solvent in the Acetone-Nitrocellulose System, by C. G. Boissonnas, K. H. Meyer, 7 pp.

GERMAN, per, Z Physik Chem., (B), Vol XLIV, No 5/6, Nov 1939, pp 392-396.

SLA 57-1407

Sci - Chemistry
Mar 58

59, 910

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Separation Tube. I. Principles of a New Method of Gas and Isotope Separation by Thermal Diffusion, by K. Clusius, G. Dickel

GERMAN, per, Z. f. Physik Chem, Vol XLIVB, 1939, pp 397-450.

Nat'l Res Council Canada TT 336

Scientific - Chemistry
Aug CTB/DEK

16,871

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Separation Tube. II. Separation of the Chlorine Isotopes, by K. Clusius, G. Dickel

GERMAN, per, Z Physik Chem, Vol KLIVB, 1939, pp 451-473.

Nat'l Res Council Canada TT 337

Scientific - Chemistry
Aug CTS/DMX

16,872

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

An Examination of the Quantum Yield of the Hydrolysis of Monochloracetic Acid, by L. Kuchler, H. Pick, 5 pp.

GERMAN, per, Zeit fur Physik Chem, Vol XLV B, 1939-1940, pp 116-120.

CIA/FDD/K-99

Scientific - Chemistry

Jul 54 CNS

15,903

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Diffusion of Hydrogen and Deuterium in Palladium, Part II, by W. Jose, A. Widmann, 13 pp.

GERMAN, per, Z Physik Chem, Vol XLVb, 1940, pp 285-296.

AEC Tr 3254

Sci - Chem, Phys

Sep 58

73, 749

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

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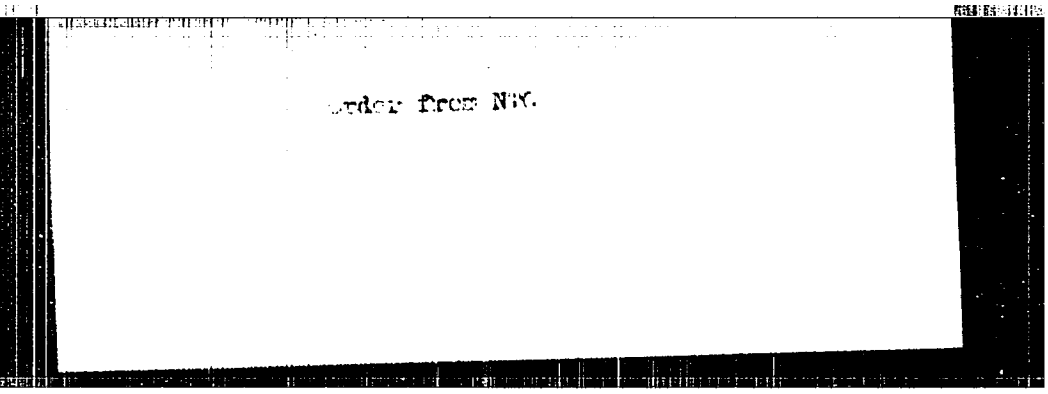

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Rate of Migration of Protons in the Electric Field in the Alpha Phase of the Palladium-Hydrogen System, by Carl Wagner, Gerhard Heller, 9 pp.

GERMAN, per, Z Physik Chem (Leipzig), Vol CLVIb, 1940, pp 242-249.

AEC 3444

Sci - Phys

Jan 59

79,557

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

On Diffusion in Ionic Crystals, by E. Wietig.
GERMAN, per. Z. Phys. Chem., B45, 1940,
pp 374-388.
*NBS TT 70-57338

Sci-Phys
Aug 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

The Electrical Conductivity of Uranium Oxides, by Karl Hauffe, 6 pp.

GERMAN, per, Z Physik Chem, Vol XLVIIIB, 1941, pp 124-130.

AEC 337

Sci - Chem

Nov 58

76,426

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

Autodiffusion of Hydrogen Chloride and Hydrogen Bromide, by H. Braune & F. Zehle.
GERMAN, per, Zeitschrift fur Physikalische Chemie, Vol 49B, 1941, pp 247-256.
*NASA TT F-11,462

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250059-2

62-14627

A SIMULTANEOUS ROENTGENOGRAPHIC AND ELECTRON-MICROSCOPIC EXAMINATION OF THE THERMAL REARRANGEMENT SEQUENCE: GAMMA-FeOOH, GAMMA-Fe_2O_3, ALPHA-Fe_2O_3. [1955] 7p. 23 refs.
Order from SLA $1.10 62-14627

Trans. of [Zeitschrift für] Physik[alische] Chem[ie] Leipzig (Germany) [1941] v. 50B, p. 13-22.

DESCRIPTORS: *Iron compounds, *Hydroxides, *Oxides, Solids, Crystals, Electron microscopy, X-ray diffraction analysis, Temperature.

Preparations of gamma-Fe_2O_3 and alpha-Fe_2O_3 were prepared from gamma-FeOOH by heating to different elevated temperatures. The series of preparations were examined roentgenographically for average primary particle size and form and further with the
(Chemistry--Physical, TT, v. 8, no. 9) (over)

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Air Pollu #045

R-6535-D
3 Aug 67

Uber die Reaktion zwischen Stickstoffpentoxyd und Ozone
By: SCHUMACHER, H. J. and SPRENGER, G.
From: Zeit fur Phys Chem. 1928 pp 77-92 (16 pp)

German - est for wds:

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Air Pollu #243 R-6533-D

3 Aug 67

Die Reaktion Zwischen Stickstoffpentoxyd und Ozon II
By: SCHUMACHER, H. J. and SPRENGER, G.
From: Zeit. Phys. Chem. Vol. 1-2, 267-81, 1928 (15 pp)

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R-8534-D
3 Aug 67

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From: Zeit fur phy chemie 1929, pp281-90 (10 pp)

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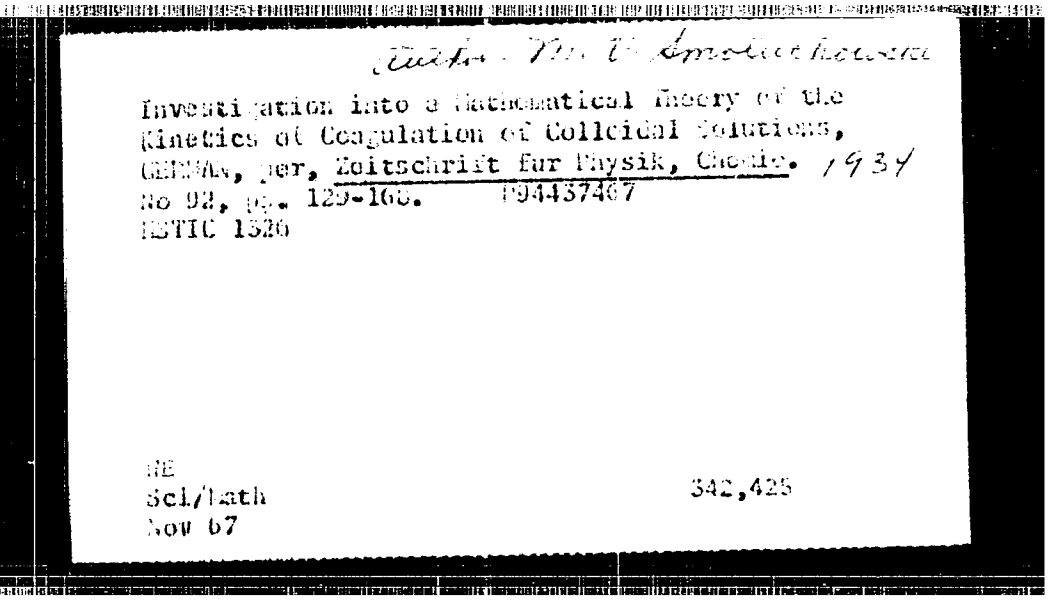

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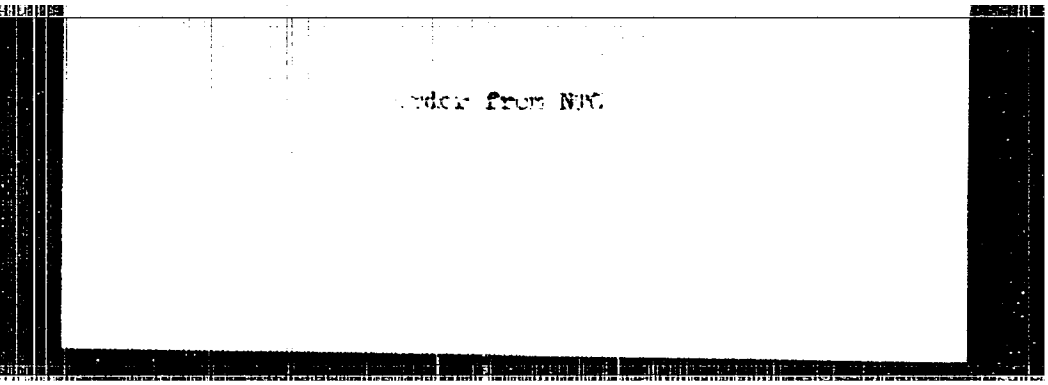

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SLA 59-20763

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R-4145-D

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